



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2992.10US04

Peterson et al.

Confirmation No.: 4852

Application No.:

10/603,397

Examiner: Not Assigned

Filed:

June 25, 2003

Group Art Unit: 3731

For:

DYNAMIC BIOABSORBABLE FASTENER FOR USE IN WOUND CLOSURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

Copies of the references were cited by or submitted to the Office in Patent Application No. 10/179,628, filed June 25, 2002, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Copies of references marked "*" have not been previously cited and are included.

Respectfully submitted,

J. Paul Haun

Registration No. 53,003

Customer No. 24113
Patterson, Thuente, Skaar & Christensen, P.A. 4800 IDS Center

80 South 8th Street

Minneapolis, Minnesota 55402-2100

Telephone: (612) 349-3009

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 16-0631.

CERTIFICATE OF MAILING

I hereby certify that this document is being deposited with the United States Postal Sovice with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, R.O. Box 1450, Alexandria VA 22313-1450 on

October 29, 2003

Paul Haun

Date of Deposit

	Substitute for form 1449/PTO			Complete if Known			
THE VO			A	pplication Number	10/	0/603,397 une 25, 2003 Peterson et al.	
O IN	FORM	ATION DISCLOSURE	F	iling Date	Jun		
om 3180	ATEM	ENT BY APPLICANT	F	irst Named Inventor	Pet		
00.	Case w	s many sheets as necessary)	A	rt Unit	373		
TO THI DE	S)		E			t Assigned	
CI A TRIVE	<u></u>					92.10US04	
Sheet	1	of 6			295	72.100304	
		U.S. PA	TENT	DOCUMENTS			
EXAMINER INITIAL*	Cite No. ¹	Document Number Number-Kind Code ^{2 (if known)}		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document	
- - 0							
		US-2,351,608		06-1944		Greenwood	
	-	US-2,439,383		04-1948		Erickson	
		US-2,526,902		10-1950		Rublee	
		US-2,881,762		04-1959		Lowrie Held	
		US-2,959,172		11-1960			
		US-3,082,426		03-1963		Miles	
		US-3,123,077		03-1964		Alcamo	
		US-3,297,033		01-1967		Schmitt et al.	
		US-3,344,790		10-1967		Dorner	
		US-3,636,956		01-1972		Schneider	
		US-3,643,851		02-1972		Green et al.	
		US-3,716,058		02-1973		Tanner, Jr.	
		US-3,757,629		09-1973		Schneider	
	US-3,792,010 US-4,014,492			02-1974		Wasserman et al.	
				03-1977		Rothfuss	
		US-4,027,676		06-1977		Mattei	
		US-4,047,533		09-1977		Perciaccante et al. Fedotov et al.	
		US-4,162,678		07-1979			
		US-4,259,959		04-1981		Walker	
		US-4,261,244		04-1981		Becht et al.	
		US-4,317,451		03-1982		Cerwin et al.	
		US-4,399,810		08-1983		Samuels et al.	
		US-4,407,286		10-1983		Noiles et al.	
		US-4,410,125		10-1983		Noiles et al.	
		US-4,428,376		01-1984		Mericle	
. <u>.</u>		US-4,485,816	· · · · · · · · · · · · · · · · · · ·	12-1984		Krumme	
		US-4,493,322		01-1985		Becht	
		US-4,505,273		03-1985		Braun et al.	
		US-4,506,669		03-1985		Blake, III	
EXAMINER SIGNATURE				DATE CONSIDERED			
				(DED COO D 11 1 1	+ .		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

	Sub	ctitute '	for form 1440	P/PTO	T^{T}		Com	plete if Known	
PEVO	Substitute for form 1449/PTO			A			10/603,397		
	FORM	ATION	N DISCLOSU	IRE	Fi	iling Date	Jun	June 25, 2003	
Teans	ÄTEM	IENT F	BY APPLICA	NT		First Named Inventor P		Peterson et al.	
OCI 3 1 Troop	GUse a	s many she	eets as necessary)			rt Unit			
,	萝						3731		
OT & TRUE	<u></u>	·				xaminer Name		t Assigned	
Sheet	2		of	6	A	Attorney Docket Number 2992.10US04		02.10US04	
	<u> </u>			U.S. PATE	NT	DOCUMENTS	<u> </u>		
EXAMINER	Cite					Publication Date		Name of Patentee or Applicant	
INITIAL*	No. ¹		Document ?	Number		MM-DD-YYYY		of Cited Document	
	í	—	Number-Kind C	ode ^{2 (if known)}					
1	i								
		US-4	,508,253			04-1985		Green	
			1,526,173			07-1985		Sheehan	
	i		1,526,174			07-1985		Froelich	
	i		1,535,772			08-1985		Sheehan	
			1,557,265			12-1985		Andersson	
	·		1,566,620			01-1986		Green et al.	
	i		1,568,009			02-1986		Green	
	i		,570,623			02-1986		Ellison et al.	
			,573,622			03-1986		Green et al.	
•	i		,583,670	,		04-1986		Alvarado	
	i	-1	,592,498			06-1986		Braun et al.	
			1,593,843	-		06-1986		Saravis	
			,596,350			06-1986		Smith et al.	
	i		,618,086			10-1986		Li et al.	
	i		,665,916			05-1987		Green	
	1		,719,917	,	-	01-1988		Barrows et al.	
	1		,728,020			03-1988		Green et al.	
			,741,337			05-1988		Smith et al.	
1			,752,024			06-1988		Green et al.	
			,753,636			06-1988		Free	
	i		,762,260			08-1988		Richards et al.	
			,776,506			10-1988		Green	
	I		,789,090			12-1988		Blake III	
	ı		,895,148			01-1990		Bays et al.	
	I		,899,745	 		02-1990		Laboureau et al.	
	i		,915,100			04-1990		Green	
	·		,924,866			05-1990		Yoon	
	i		,969,591			11-1990		Richards et al.	
EXAMINER	\Box	1	<u>,- , </u>			DATE		<u> </u>	
SIGNATURE						CONSIDERED		frot in conformance and not considered Include	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

		-	<u>-</u> -					
	Subs	titute for form 144	9/PTO				Complete if Known	
OF							603,397	
O', IN	FORM.	ATION DISCLOSU	JRE			Jun	e 25, 2003	
ST.	'ATEM	ENT BY APPLICA many sheets as necessary)	ANT	First Named Inventor Peter		Pet	reterson et al.	
007 317	Mar Case w	many sneets as necessary)		A	Art Unit 373			
(A)				E	xaminer Name	No	t Assigned	
Sheet & Ini	¥3	of	6	A	ttorney Docket Number	299	2.10US04	
	.J		U.S. PATEN	$\frac{1}{1}$	DOCUMENTS	<u> </u>	- · 	
EXAMINER	Cite		0.0.111121	<u> </u>	Publication Date		Name of Patentee or Applicant	
INITIAL*	No.1	Document Number Number-Kind Code ^{2 (ff known)}			MM-DD-YYYY		of Cited Document	
		Number-Kind (Souc					
		US-4,976,686			12-1990		Ball et al.	
		US-4,994,073			02-1991		Green	
		US-5,002,562			03-1991		Oberlander	
		US-5,007,921			04-1991		Brown	
		US-5,015,252			05-1991		Jones	
		US-5,035,692			07-1991		Lyon et al.	
		US-5,044,540			09-1991		Dulebohn	
		US-5,047,047			09-1991		Yoon	
		US-5,062,563			11-1991		Green et al.	
		US-5,078,731			01-1992		Hayhurst	
		US-5,089,009			02-1992		Green	
		US-5,108,422			04-1992		Green et al.	
		US-5,129,570			07-1992		Schulze et al.	
		US-5,156,609			10-1992		Nakao et al.	
		US-5,158,566			10-1992		Pianetti	
		US-5,158,567			10-1992		Green	
		*US-5,160,339			11-1992		Chen et al.	
		US-5,236,440			08-1993		Hlavacek	
		US-5,257,713			11-1993		Green et al.	
		US-5,258,009			11-1993		Conners	
		US-5,258,010		11-1993 12-1993			Green et al.	
		*US-5,269,783					Sander	
		US-5,269,792			12-1993		Kovac et al.	
		US-5,285,944			02-1994		Green et al.	
		US-5,292,326			03-1994		Green et al.	
		US-5,297,714			03-1994		Kramer	
		US-5,324,307			06-1994		Jarrett et al.	
	I				00.1004			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

08-1994

DATE

CONSIDERED

US-5,337,937

EXAMINER

SIGNATURE

Remiszewski et al.

Tapplicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

-	Subs	stitute	for form 14	49/PTO			Com	plete if Known		
PE	·				Α	pplication Number	10/	603,397		
ON	FÖRM	ATIO	N DISCLOS	SURE	F	iling Date	Jun	une 25, 2003 Peterson et al.		
ST	ATEN	ENT I	BY APPLIC	CANT	Fi	irst Named Inventor	Pet			
007 31	2040 se a	s many sh	eets as necessary	?)	A			731 Not Assigned		
100	C. J.				F					
(3) T (1)			1 2				Ĺ	22.10US04		
Sheet	4		of	6		ttorney Docket Number	299			
		····		U.S. PATE	ENT	DOCUMENTS				
EXAMINER INITIAL*	Cite No. ¹		Docume	nt Number		Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		
				Number-Kind Code ^{2 (if kno}						
		US-5	5,342,376			08-1994		Ruff		
<u> </u>			5,366,134			11-1994		Green et al.		
		US-5	5,389,102			02-1995		Green et al.		
		US-5	5,392,979			02-1995		Green et al.		
		US-5	5,398,861			03-1995		Green		
		US-I	Des 357,316	5		04-1995		Green et al.		
		US-5	5,413,584			05-1995		Schulze		
		US-5	5,423,856			06-1995		Green		
			5,456,401			10-1995		Green et al.		
			5,478,003			12-1995		Green et al.		
<u>.</u>			5,480,089			01-1996		Blewett		
		US-5	5,482,197			01-1996		Green et al.		
		+	,489,058			02-1996		Plyley et al.		
		,	5,489,287			02-1996		Green et al.		
		+	5,505,363			04-1996		Green et al.		
			5,509,596			04-1996		Green et al.		
		+	5,514,149			05-1996		Green et al.		
			E E 10 (10			00 1006		l 75 / 1		

SIGNATURE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

08-1996

09-1996

09-1996

10-1996

11-1996

11-1996

12-1996

12-1996

01-1997

01-1997

DATE

Peters et al.

Green et al.

Chow et al.

Green et al.

Green et al.

Green et al.

Person et al.

Brotz

Knodel et al.

Yoon

*US-5,549,619

US-5,551,622

US-5,558,266

US-5,562,241

US-5,571,285

US-5,573,541

US-5,579,978

US-5,584,859

US-5,591,178

US-5,593,423

EXAMINER

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

	Subs	stitute for form 14	149/PTO	Complete if Known				
	2			Application Number	0/603,397			
FEIN	ÈORM	ATION DISCLO	SURE	Filing Date	June 25, 2003			
O'ST	ATEM	ENT BY APPLI	CANT	First Named Inventor	Peterson et al.			
312	103 (Use as	ENT BY APPLIC many sheets as necessar	⁾	Art Unit	3731			
OCT 3, 2	0)		Ì	Examiner Name	Not Assigned			
CISSON CONTRACTOR	्रक्र <u>ू</u> सक्ट	of	6	Attorney Docket Number	2992.10US04			
Sheetra IRI	*>	101			2992.100304			
	~.	τ	U.S. PATEN	T DOCUMENTS	1 22 22			
EXAMINER INITIAL*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
			2 (if known)	or ched bountent				
		Number-Kin	d Code ^{2 (if known)}					
		US-5,618,311		04-1997	Gryskiewicz			
	US-5,658,312			08-1997	Green et al.			
		US-5,662,258		09-1997	Knodel et al.			
		US-5,706,997		01-1998	Green et al.			
		US-5,725,538		03-1998	Green et al.			
		US-5,728,108		03-1998	Griffiths et al.			
		US-5,794,834		08-1998	Hamblin et al.			
		US-5,816,471		10-1998	Plyley et al.			
		US-5,829,662		11-1998	Allen et al.			
		US-5,871,135		02-1999	Williamson IV et al.			
		US-5,878,937		03-1999	Green et al.			
		US-5,902,319		05-1999	Daley			
		US-5,976,160		11-1998	Crainich			
		US-5,984,949		11-1999	Levin			
		US-6,090,131		07-2000	Daley			
		US-6,120,526		09-2000	Daley			
		US-6,131,789		10-2000	Schulze et al.			
		US-6,159,224		12-2000	Yoon			
		*US-6,250,532		06-2001	Green et al.			
		US-6,270,517		08-2001	Brotz			
		US-6,387,104		05-2002	Pugsley et al.			
		*US-6,619,529		09-2003	Green et al.			
		*US-6,629,988		10-2003	Weadock			
				ENT DOCUMENTS				
EXAMINER INITIAL*	Cite No. ¹		tent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant T ⁶			
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			of Cited Document			
		*EP 1 323 384	A2	07-2003	Kuhns et al.			
EXAMINER				DATE				
SIGNATURE	al if referen	e considered whether or not	citation is in conformance w	ith MPEP 609 Draw line through ci	tation if not in conformance and not considered. Include			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

						C 1 .CV			
Substitute for form 1449/PTO					Annlinetine Nimekan	Complete if Known			
PE	À			-	Application Number	10/603,397			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 3 1 2000 Use as many sheets as necessary)					Filing Date	June 25, 2003			
					First Named Inventor	Peterson et al.			
061 3150		many sne	eis us necessury)		Art Unit 3731				
13					Examiner Name	Not Assigned			
Sheet a IRIL	6		of	6	Attorney Docket Number	2992.10US04			
			NON P.	ATENT LITE	ERATURE DOCUME	ENTS			
EXAMINER	Cite	Inclu					Γ^2		
INITIAL*	No.1								
		Brock	nure: Informa	ation Booklet	for AUTO SUTURE®	Purse String Instrument,			
					on of United States Su				
			alk, CT, 2 pg						
		Brock	nure: <i>La Suti</i>	ıra Perde il F	<i>ilo</i> , Farmitalia Carlo l	Erba, 4 pgs., not dated.			
		Evalu	ation of New	Absorbable	Lactomer Subcuticula	er Staple, G.C. Zachmann,			
		P.A. Foresman, T.J. Bill, D.J. Bentrem, G.T. Rodeheaver, R.F. Edlich, Journal							
		of Ap	plied Bioma	terial, Vol. 5,	No. 3, pp. 221-116, 1	994.			
					·				
		-	·						
EXAMINER					DATE		\dashv		
SIGNATURE *EXAMINED: I	nitial if-	eference	considered what	har or not citation	CONSIDERED	EP 609. Draw line through citation if not in			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.